

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in this application.

Listing of Claims:

Claims 1 through 43 (canceled)

Claim 44 (currently amended) A method for operating a barrier, such as a gate or garage door, to move between open and closed positions, said barrier being operably connected to an operator system including a controller comprising a base control circuit, a radio frequency base transmitter and a radio frequency base receiver and plural remote control units operable to communicate with said ~~base control circuit~~ controller, each of said remote control units including a radio frequency remote transmitter and a radio frequency remote receiver, said method comprising the steps of:

causing said base transmitter to transmit a radio frequency signal to said remote receivers;

causing said control circuit to effect one of opening and closing said barrier depending on whether or not said base receiver receives a signal from at least one of said remote transmitters; and

causing said barrier to move from a closed position to an open position in response to a signal from any one of said remote transmitters and remaining in an open position as long as any one of said remote control units is within a radio frequency communication range of said controller.

Claim 45 (canceled)

Claim 46 (new) A method for operating a barrier, such as a gate or garage door, to move between open and closed positions,

said barrier being operably connected to an operator system including a controller comprising a base control circuit, a human operator controllable base switch operably connected to said base control circuit, a radio frequency base transmitter, and a radio frequency base receiver and plural remote control units operable to communicate with said controller by way of said base receiver, each of said remote control units including a radio frequency remote transmitter and a radio frequency remote receiver, said method comprising the steps of:

- causing said base transmitter to transmit a radio frequency signal to said remote receivers;

- causing said controller to effect one of opening and closing said barrier dependent on said base receiver receiving a signal from a remote transmitter of one of said plural remote control units;

- actuating said base switch to effect closing of said barrier;

- causing said controller to determine if all of said remote control units are within a range of said controller effective to receive signals from all of said remote transmitters; and

- causing said base transmitter to cease transmitting signals to said remote receivers if all of said remote control units are within said range.

Claim 47 (new) A method for operating a barrier, such as a gate or garage door, to move between open and closed positions, said barrier being operably connected to an operator system including a controller comprising a base control circuit, a human operator controllable base switch operably connected to said base control circuit, a radio frequency base transmitter, and a radio frequency base receiver and plural remote control units operable to communicate with said controller by way of said base receiver, each of said remote control units including a radio frequency remote transmitter and a radio frequency remote receiver, said method comprising the steps of:

causing said base transmitter to transmit a radio frequency signal to said remote receivers;

causing said controller to effect one of opening and closing said barrier dependent on said base receiver receiving a signal from a remote transmitter of one of said plural remote control units;

causing said controller to effect closing of said barrier;
and

ceasing transmission of signals from said base transmitter if said base receiver receives a signal from all of said remote control units.

Claim 48 (new) A method for operating a barrier, such as a gate or garage door, to move between open and closed positions, said barrier being operably connected to an operator system including a controller comprising a base control circuit, a human operator controllable base switch operably connected to said base control circuit, a radio frequency base transmitter, and a radio frequency base receiver and plural remote control units operable to communicate with said controller by way of said base receiver, each of said remote control units including a radio frequency remote transmitter and a radio frequency remote receiver, said method comprising the steps of:

causing said base transmitter to transmit a radio frequency signal to said remote receivers;

actuating said base switch to effect opening of said barrier; and

causing said controller to maintain said barrier in an open condition as long as said base receiver receives a signal from at least one remote transmitter.

Claim 49 (new) A method for operating a barrier, such as a gate or garage door, to move between open and closed positions, said barrier being operably connected to an operator system including a controller comprising a base control circuit, a human operator controllable base switch operably connected to

said base control circuit, a radio frequency base transmitter, and a radio frequency base receiver and plural remote control units operable to communicate with said controller, each of said remote control units including a radio frequency remote transmitter, a radio frequency remote receiver and a human operator controllable remote switch operably connected to said remote transmitter, said method comprising the steps of:

- causing said base transmitter to transmit a radio frequency signal to said remote receivers;

- actuating one of said remote switches to effect closing said barrier; and

- maintaining said barrier in a closed position if at least one of said remote receivers is outside a signal receiving range of a signal from said base transmitter and another one of said remote receivers is in a signal receiving range of said base transmitter.

Claim 50 (new) A method for operating a barrier, such as a gate or garage door, to move between open and closed positions, said barrier being operably connected to an operator system including a controller comprising a base control circuit, a human operator controllable base switch operably connected to said base control circuit, a radio frequency base transmitter, and a radio frequency base receiver and plural remote control units operable to communicate with said controller, each of said remote control units including a radio frequency remote transmitter and a radio frequency remote receiver, said method comprising the steps of:

- causing said base transmitter to transmit a radio frequency signal to said remote receivers;

- causing said controller to open said barrier; and

- causing said controller to maintain said barrier in an open position if one of said remote control units is in signal receiving range of said radio frequency signal from said base transmitter and another one of said remote control units is out of signal receiving range of said base transmitter.

Claim 51 (new) The method set forth in Claim 50 including the step of:

causing said controller to close said barrier if said one remote control unit ceases to be in signal receiving range of a signal from said base transmitter.

Claim 52 (new) A method for operating a barrier, such as a gate or garage door, to move between open and closed positions, said barrier being operably connected to an operator system including a controller comprising a base control circuit, a human operator controllable base switch operably connected to said base control circuit, a radio frequency base transmitter, and a radio frequency base receiver and plural remote control units operable to communicate with said controller, each of said remote control units including a radio frequency remote transmitter, a radio frequency remote receiver and a human operator controllable remote switch operably connected to a remote transmitter, said method comprising the steps of:

causing said controller to close said barrier in response to actuation of one of said switches;

causing said base transmitter to transmit a radio frequency signal to said remote receivers; and

causing said barrier to open when said base receiver receives a signal from one of said remote transmitters in response to a signal from said base transmitter received by a remote receiver operably connected to said one remote transmitter.

Claim 53 (new) A method for operating a barrier, such as a gate or garage door, to move between open and closed positions, said barrier being operably connected to an operator system including a controller comprising a base control circuit, a human operator controllable base switch operably connected to said base control circuit, a radio frequency base transmitter, and a radio frequency base receiver and plural remote control

units operable to communicate with said controller, each of said remote control units including a radio frequency remote transmitter, a radio frequency remote receiver and a switch operable to cause said remote transmitter to transmit a signal to said base receiver, said method comprising the steps of:

actuating one of said switches to cause said operator system to close said barrier;

causing said base transmitter to transmit a radio frequency signal to said remote receivers;

transmitting an acknowledgement signal from any of said remote control units which has received a signal from said base transmitter;

sending an additional signal from said base transmitter to said any one remote control unit to cause a remote transmitter associated with said any one remote control unit to cease responding to a signal from said base transmitter;

causing said base transmitter to continue to send a periodic signal searching for any of said remote units which has not responded to a signal from said base transmitter; and

causing said operator system to move said barrier to an open position in response to receiving a signal by said base receiver from a remote transmitter which has moved into range of signals between said base transmitter and said remote transmitter which has moved into said range.

Claim 54 (new) A method for operating a barrier, such as a gate or garage door, to move between open and closed positions, said barrier being operably connected to an operator system including a controller comprising a base control circuit, a human operator controllable base switch operably connected to said base control circuit, a radio frequency base transmitter, and a radio frequency base receiver and plural remote control units operable to communicate with said controller, each of said remote control units including a radio frequency remote transmitter, a radio frequency remote receiver and a switch

operable to cause said remote transmitter to transmit a signal to said base receiver, said method comprising the steps of:

actuating said base switch to cause said operator to open said barrier;

causing said base transmitter to emit signals in response to actuating said base switch to search for said remote control units; and

causing said barrier to remain in an open position as long as said base receiver receives a signal from at least one of said remote control units in response to said search signal from said base transmitter.

Claim 55 (new) A method for operating a barrier, such as a gate or garage door, to move between open and closed positions, said barrier being operably connected to an operator system including a controller comprising a base control circuit, a human operator controllable base switch operably connected to said base control circuit, a radio frequency base transmitter, and a radio frequency base receiver and plural remote control units operable to communicate with said controller, each of said remote control units including a radio frequency remote transmitter, a radio frequency remote receiver and a switch operable to cause said remote transmitter to transmit a signal to said base receiver, said method comprising the steps of:

actuating one of said switches to cause said operator system to open said barrier;

causing said base transmitter to emit a search signal in response to actuating said one switch to search for said remote control units; and

causing said barrier to remain in an open position as long as said base receiver fails to receive a signal from one of said remote control units in response to said search signal from said base transmitter.

Claim 56 (new) A method for operating a barrier, such as a gate or garage door, to move between open and closed positions,

said barrier being operably connected to an operator system including a controller comprising a base control circuit, a human operator controllable base switch operably connected to said base control circuit, a radio frequency base transmitter, and a radio frequency base receiver and plural remote control units operable to communicate with said base control circuit by way of said base receiver, each of said remote control units including a radio frequency remote transmitter, and a radio frequency remote receiver, said method comprising the steps of:

- causing said base transmitter to transmit a search signal to said remote control units;

- causing said barrier to open if one of said remote control units moves into range of said search signal; and

- causing said barrier to close if said one remote control unit then moves out of range of a search signal from said base transmitter.